

Name : _____

Simplifying Expressions: Exponents

MS1

Simplify each expression.

1) $(2u^7v^5w^2)(5u^3v^4w^2)$

2) $\frac{-2x^7y^2z^3}{6x^2y^4z^6}$

3) $\frac{4p^7q^2}{(6pq)^2}$

4) $(9b^{-2}d^3)(10b^3c^2d^6)$

5) $\frac{8a^7b^6c^5}{4a^2b^3c}$

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7) $(4m^2n^5)(2m^3n^4)$

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9) $\frac{4s^6t^3}{18s^2t^5}$

10) $\frac{25p^7q^5r^2}{5p^2qr}$